

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 480062.720D1	APPLICATION NO.
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Khalid El Akel et al.			
		FILING DATE September 23, 2003		GROUP ART UNIT	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
E	AA	4,567,610	01/28/86	McConnell	382	18	
E	AB	5,301,115	04/05/94	Nouso	364	460	
E	AC	5,378,881	01/03/95	Adachi	235	462	
E	AD	5,471,550	11/28/95	Kurachi	382	200	
E	AE	5,703,963	12/30/97	Kojima et al.	382	197	
E	AF	6,434,270	08/13/02	Ohara et al.	382	178	
	AG						
	AH						
	AI						
	AJ						

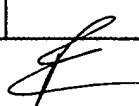
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
E	AK	92/11609	07/09/92	WO		
	AL					
	AM					
	AN					
	AO					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

E	AP	Abdallah, Cherri K. and Mohammad A. Karim, "Optical Symbolic Substitution: Edge Detection Using Prewitt, Sobel, and Roberts Operators," Applied Optics, Vol. 28, No. 21, November 1989, pp. 4644-4648.
E	AQ	Hemdal, John F., "One-Dimensional Digital Processing of Images for Straight-Line Detection," Pattern Recognition, Vol. 31, No. 11, pp. 1687-1690.

EXAMINER



DATE CONSIDERED

10-28-2005

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).